Application/Control Number: 09/764,990

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## **ABSTRACT**

The invention concerns a pharmaceutical composition designed to adhere to a mucous membrane for preventing or treating radiotherapy-related and chemotherapy-related mucositis, induced by radiotherapy or combined radiochemotherapy, comprising an effective amount of an antiradical compound mixed with a vehicle, which is liquid at room temperature and gels at the mucous membrane temperature and capable of adhering to the mucous membrane by its gelled status.